MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST 1950

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

AUGUST 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.6	55.3	54.9	55.2	32.2	23.8	28.3	31.1	26.3	28.6
2	54.6	53.7	54.1	54.1	32.2	23.9	28.8	31.7	26.6	29.0
3	54.4	52.8	53.1	53.4	32.5	24.3	29.8	31.7	26.8	29.4
4	52.7	52.3	52.7	52.5	32.5	24.2	28.7	32.3	26.6	29.2
5	53.5	53.7	53.7	53.6	32.8	24.4	28.8	32.1	26.7	29.2
6	54.5	54.6	54.3	54.4	32.3	24.2	30.0	32.1	26.6	29.6
7	54.4	54.3	54.8	54.5	31.9	23.2	28.8	31.3	26.1	28.7
8	55.3	55.6	55.6	55.5	37.7	23.1	28.3	31.3	26.0	28.5
9	57.0	55.7	55.7	56.1	31.9	23.1	28.2	30.9	26.1	28.4
10	54.8	54.4	54.1	54.4	31.9	24.9	28.1	31.6	26.5	28.7
11	53.2	52.7	53.0	52.9	31.8	24.9	28.8	31.7	26.6	29.0
12	52.6	52.9	53.4	52.9	32.0	23.6	29.4	31.1	26.0	28.8
13	54.3	53.0	53.9	53.7	32.0	24.3	28.3	31.6	25.9	28.6
14	56.5	56.5	57.0	56.6	32.6	23.5	28.3	32.2	26.2	28.9
15	57.1	56.5	56.7	56.7	30.9	22.2	28.7	30.2	25.5	28.1
16	56.2	55.2	55.5	55.6	31.1	23.8	27.8	31.1	25.8	28.2
17	55.2	54.7	54.6	54.8	31.0	22.7	27.2	31.0	25.2	27.8
18	54.9	55.2	55.4	55.1	31.2	22.9	27.7	30.6	25.8	28.0
19	56.0	55.6	53.1	54.9	32.2	24.4	27.7	30.5	24.7	27.6
20	56.1	55.2	57.0	56.1	30.8	24.3	27.2	30.7	25.8	28.4
21	55.5	56.1	56.8	56.1	31.5	24.3	28.7	31.2	24.4	28.1
22	56.3	55.3	55.9	55.8	32.3	23.4	28.3	27.9	26.3	27.5
23	55.7	55.1	55.0	55.2	32.0	24.3	28.6	31.7	26.4	28.9
24	54.9	54.5	54.2	54.5	32.0	24.2	28.3	31.8	28.8	29.6
25	54.6	54.3	54.9	54.6	32.5	24.3	28.9	32.1	26.1	29.0
26	55.3	54.7	54.9	54.9	31.5	25.0	28.3	31.1	26.9	28.8
27	55.3	55.1	55.1	55.1	32.1	24.6	28.9	31.7	26.2	28.9
28	55.6	55.1	56.2	55.8	32.2	24.3	28.8	30.9	26.4	28.7
29	56.6	56.8	57.1	56.8	32.0	24.5	28.6	30.8	26.3	28.6
30	57.4	57.0	57.2	57.2	31.6	24.6	28.3	31.2	26.3	28.6
31	56.9	55.6	55.6	56.0	31.9	24.0	28.3	31.2	26.4	28.6
	55.26	54.82	55.02	55.00	32.10	23.97	28.48	31.29	26.20	28.65

Barometer, range for month 757.4 mm. — 752.3 mm.

„ 71-yr. average for month 756.00 mm.

Thermometer, range for month 32.8°C −22.2 C

„ 71-yr. average for month 28.57°C.

Rain total for month 0.00 mm.

„ 71-yrs average for month 0.45 mm.

„ Tolal, Sept. 1st. to end of month 779.78 mm.

„ 71-yr. average, Sept. 1st. to end of month 892.30 mm

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	25.4	25.3	24.4	25.0	66	56	73	65	12.6	410	
2	25.7	27.9	28.2	27.3	64	59	80	68	12.1	105	
3	27.7	27.9	28.2	27.9	65	59	81	68	12.5	79	
4	27.8	29.7	26.7	28.1	70	63	78	70	12.7	320	
5	27.1	29.0	28.2	28.1	68	60	81	70	12.1	443	
6	25.5	25.2	28.2	26.3	60	52	80	64	12.2	290	
7	24.9	23.2	20.4	22.8	63	51	60	58	12.6	220	
8	24.0	21.7	21.1	22.3	62	48	62	57	12.7	243	
9	18.6	19.7	21.1	19.8	48	44	62	51	12.4	290	
10	21.9	26.3	26.0	24.7	56	56	74	62	12.2	539	
11	24.9	28.6	27.4	27.0	63	61	79	68	12.0	674	
12	25.2	25.3	25.7	25.4	61	56	75	64	12.2	555	
13	22.6	27.1	25.7	25.1	58	57	76	64	12.4	60	
14	21.9	21.6	22.4	22.0	57	45	66	56	12.5	108	
15	22.8	20.6	21.5	21.6	57	49	66	57	12.4	212	
16	27.8	31.1	25.8	28.2	56	52	73	60	12.2	35	
17	27.2	31.0	25.2	27.8	57	50	72	60	12.3	127	
18	27.7	30.6	25.8	28.0	59	52	71	61	12.1	93	
19	25.1	23.6	24.4	24.4	67	54	81	67	12.3	93	
20	27.0	22.3	26.2	25.2	74	47	80	67	10.9	98	
21	22.8	29.9	22.4	25.0	58	67	72	66	11.8	40	
22	28.3	31.7	27.9	29.3	74	85	83	81	12.0	156	
23	27.5	28.6	27.2	27.8	72	62	81	71	12.0	76	
24	26.8	27.9	24.2	26.3	70	59	61	67	11.9	31	
25	24.2	23.7	23.7	23.9	61	49	69	60	12.0	24	
26	24.7	26.8	27.4	26.3	64	59	78	67	11.6	37	
27	28.6	25.6	26.5	26.9	72	55	78	68	11.7	31	
28	28.6	28.3	27.9	28.3	71	63	83	72	11.8	26	
29	26.8	27.2	27.9	27.3	70	63	83	72	11.7	18	
30	29.0	29.9	27.2	28.7	74	65	81	73	11.6	48	
31	29.0	26.8	25.1	26.9	74	59	75	70	11.6	53	
	25.71	26.59	25.48	25.93	64.2	56.7	74.6	65.2	12.10	178.5	0.00

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1sw	1sw	1sw	light	
2	1cu	0	0	0.3	2sw	2w	0	,,	
3	0	0	0	0.0	1sw	1w	0	calm	
4	0	1cu	0	0.3	1sw	1sw	1sw	light	
5	0	0	0	0.0	1sw	2sw	1sw	,,	
6	1cu	0	0	0.3	1sw	2sw	1sw	,,	
7	1cu	0	0	0.3	2sw	1sw	1w	,,	
8	0	1ci	0	0.3	1sw	2sw	1sw	,,	
9	1ci	1ci	0	0.7	2sw	2sw	1sw	,,	
10	1ci	0	0	0.3	2sw	1sw	1sw	,,	
11	1cu	0	0	0.3	2sw	1sw	3sw	mod.	
12	1cu	0	0	0.3	2sw	1sw	2sw	light	
13	1ci	0	0	0.3	1sw	1sw	1sw	,,	
14	0	0	0	0.0	1sw	1sw	1sw	,,	
15	0	0	3st	1.0	1sw	1w	2sw	,,	
16	0	1ci	2st	1.0	1sw	1sw	1sw	,,	
17	2cu-ci	0	2st	1.3	1sw	1sw	1sw	,,	
18	0	0	0	0.0	1sw	1sw	1sw	,,	
19	1cu	0	0	0.3	1sw	1w	1sw	,,	
20	3cu	1cu	0	1.3	1sw	1sw	1sw	calm	
21	0	2cu	0	0.7	1sw	2sw	1sw	,,	
22	0	0	3cu	1.0	2sw	2sw	1sw	light	
23	1cu	0	0	0.3	1sw	1nw	0	,,	
24	0	0	0	0.0	1w	1sw	0	,,	
25	0	1cu	0	0.3	2sw	1sw	0	,,	
26	0	0	0	0.0	1n	1n	2w	,,	
27	0	2cu-st	0	0.7	1sw	2n	1ne	,,	
28	1cu-ci	0	0	0.3	2sw	2sw	2sw	,,	
29	1cu	1cu	0	0.7	2sw	2sw	1sw	,,	
30	1cu-st	0	0	0.3	1nw	1n	2n	,,	
31	1cu-st	0	0	0.3	1sw	1nw	1nw	,,	
				0.42					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	0	0	0	28	1	1	0	31
14:30	3	0	0	0	0	22	4	2	0	31
20:30	1	1	0	0	0	21	2	1	5	31
Total	5	1	0	0	0	71	7	4	5	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.18